

LM76

140 Industrial Drive
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PART NUMBERS

Drive mounting position (viewing drive end)
R = Drive to right of linear rail
L = Drive to left of linear rail
Blank for 2 rail systems

Ball Screw Support
1 = Journal block at one end
2 = Journal block at both ends

Linear Profile Rail Length "P"
Standard lengths 160 - 1600mm in 60mm increments
for clear span rails - and up to 3580mm long
with one rail break and clear span bottom plate
*Stroke = Linear rail length - carriage length

23A R 2 A LM25 - 0160 - ARO

Linear Rail & Slider Size Designation

Linear Rail & Slider Combinations

A = (1) Profiled rail & (1) heavy duty slider
B = (1) Profiled rail & (2) medium duty sliders
C = (1) Profiled rail & (2) heavy duty sliders
D = (2) Profiled rails & (2) heavy duty sliders
E = (2) Profiled rails & (4) medium duty sliders
F = (2) Profiled rails & (4) heavy duty sliders

Rolled Ball Screw Variations

-Standard lead accuracy (.004-.007"/ft)
AR0 = .631 Nominal Dia x .200 RH lead
AL0 = .631 Nominal Dia x .200 LH lead
CR0 = .631 Nominal Dia x .500 RH lead
-Select lead accuracy (.002-.003"/ft)
AR1 = .631 Nominal Dia x .200 RH lead
AL1 = .631 Nominal Dia x .200 LH lead
*Other screw variations available:
• precision rolled (.001"/ft)
• precision ground (.0003-.0005"/ft)
• metric diameters and leads
• modified acme profile lead screws
with leads from .062 - 3.000"/rev

-Leave blank for no drive

Motor Mounting Kit (includes Risers, Motor Plate, and Coupling)

23A = for NEMA 23 motor (ref. .250" dia motor shaft)
23B = for NEMA 23 motor (ref. .312" dia motor shaft)
23C = for NEMA 23 motor (ref. .375" dia motor shaft)
34C = for NEMA 34 motor (ref. .375" dia motor shaft)
34D = for NEMA 34 motor (ref. .500" dia motor shaft)
Y01 = for SGM-A3, -A5, or -01 motors (ref. 8mm dia motor shaft)
Y02 = for SGM-02, -03, or -04 motors (ref. 14mm dia motor shaft)
YP1 = for SGMP-01 motor (ref. 8mm dia motor shaft)
YP2 = for SGMP-02, -03, or -04 motors (ref. 14mm dia motor shaft)
Many other standard drive configurations available (ie. Indramat, Fanuc, Pacific Scientific, Allen Bradley, Yaskawa, etc.)

Hand Powered options (includes hand crank and ball screw lock)

HCR = Cast aluminum hand crank (Ø4.00 swing)
HWL = Deluxe hand wheel with flip-away handle (Ø4.00 swing)

